DERWENT-ACC-NO: 1997-371382
DERWENT-WEEK: 199734

TITLE: New oxy-quinoline-di:citrato-borate with antimicrobial action - prepared by reacting boric acid, acetic acid and then 8-oxy-quinoline in water on water bath

INVENTOR: CHEREDANOVA, T A; LUTTSEVA, M A ; SERGEEVA, G S

PATENT-ASSIGNEE: CHITINSK POLY[CHITR]

PRIORITY-DATA: 1994RU-0007459 (March 1, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2071477 C1	January 10, 1997	N/A	004	C07F 005/02

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RU 2071477C1	N/A	1994RU-0007459	March 1, 1994

INT-CL_(IPC): C07F005/02

ABSTRACTED-PUB-NO: RU 2071477C
BASIC-ABSTRACT: Oxyquinoline dicitratoborate of formula (I) is new.

USE - (I) has antimicrobial (claimed) and fungicidal activity.

ADVANTAGE - (I) is more thermally stable and produces bactericidal action at a lower concentration than oxine (8-hydroxyquinoline).

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:
NEW OXY QUINOLINE DI BORATE ANTIMICROBIAL ACTION PREPARATION REACT BORIC ACID ACETIC ACID OXY QUINOLINE WATER WATER BATH

DERWENT-CLASS: B03 C01

CPI-CODES: B05-B01B; B06-D02; B14-A01; B14-A04; C05-B01B; C06-D02; C14-A01; C14-A04; C14-A06;

CHEMICAL-CODES:
Chemical Indexing M2 *01*
Fragmentation Code
D021 D621 H4 H401 H441 H8 M280 M320 M412 M511
M520 M530 M540 M630 M640 M650 M710 M903 M904 P001
P220 P241
Markush Compounds
199734-25301-N

Chemical Indexing M2 *02*
Fragmentation Code
B605 B713 B720 B809 B831 B840 F012 F014 F015 F017
F019 F022 F029 F140 F199 J0 J014 J1 J173 J5
J522 L9 L942 L999 M280 M311 M323 M342 M372 M393
M411 M510 M522 M530 M540 M630 M640 M650 M710 M903
M904 P001 P220 P241
Markush Compounds
199734-25301-N

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1997-119587